NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.

☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).

☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).

☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."

☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).

☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).

☐ 7. Other:

Applicant Must Provide:

☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".

☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.

☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

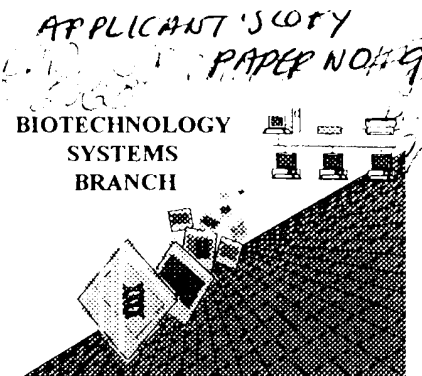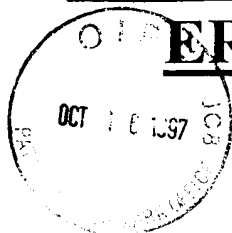For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216
For CRF Submission Help, call (703) 308-4212
For PatentIn software help, call (703) 308-6856

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

BIOTECHNOLOGY
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RAW SEQUENCE LISTING
ERROR REPORT

OCT 1 6 ⌐97

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

PAK
18X1
9/08

Application Serial Number: 08/826,361

Art Unit / Team No. : Sector - 1819

Date Processed by STIC: 8/8/97

THE ATTACHED PRINTOUT EXPLAINS THE **ERRORS DETECTED.**

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

PAGE: 1

Sector 1819

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/826,361*

DATE: 08/08/97
TIME: 10:44:47

INPUT SET: S19510.raw

OCT 1 6 1997

> **This Raw Listing contains the General Information Section and those Sequences containing ERRORS.**

Corrected Diskette Needed *Does Not Comply*

```
 1                           SEQUENCE LISTING
 2
 3   (1)      General Information:
 4
 5         (i) APPLICANT: Mosselman, Sieste
 6                       Dijkema, Rein
 7
 8        (ii) TITLE OF INVENTION: Novel estrogen receptor
 9
10       (iii) NUMBER OF SEQUENCES: 28
11
12        (iv) CORRESPONDENCE ADDRESS:
13              (A) ADDRESSEE: Akzo Nobel Patent Dept.
14              (B) STREET: 1300 Piccard Drive, Suite 206
15              (C) CITY: Rockville
16              (D) STATE: Maryland
17              (E) COUNTRY: US
18              (F) ZIP: 20850
19
20         (v) COMPUTER READABLE FORM:
21              (A) MEDIUM TYPE: Floppy disk
22              (B) COMPUTER: IBM PC compatible
23              (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24              (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
25
26        (vi) CURRENT APPLICATION DATA:
27              (A) APPLICATION NUMBER: US 08/826,361
28              (B) FILING DATE: 26-MAR-1997
29              (C) CLASSIFICATION:
30
31      (viii) ATTORNEY/AGENT INFORMATION:
32              (A) NAME: Gormley, Mary E.
33              (B) REGISTRATION NUMBER: 34,409
34
35        (ix) TELECOMMUNICATION INFORMATION:
36              (A) TELEPHONE: 301-948-7400
37              (B) TELEFAX: 301-948-9751
38
39
40
```

ERRORED SEQUENCES FOLLOW:

PAGE: 2

OCT 1 6 1997

RAW SEQUENCE LISTING
PATENT APPLICATION   *US/08/826,361*

DATE: 08/08/97
TIME: 10:44:49

INPUT SET: S19510.raw

```
446   (2) INFORMATION FOR SEQ ID NO: 7:
447
448       (i) SEQUENCE CHARACTERISTICS:
-->  449          (A) LENGTH: 29 base pairs
450              (B) TYPE: nucleic acid
451              (C) STRANDEDNESS: both
452              (D) TOPOLOGY: unknown
453
454      (ii) MOLECULE TYPE: cDNA
455
456
457
458      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
459
-->  460   GGIGAYGARG CWTCIGGITG YCAYTAYGG                    29
461
```

"I" is invalid, per 1.822(b) of Sequence Rules. Use "N" and define in (ix) FEATURE section

```
462   (2) INFORMATION FOR SEQ ID NO: 8:
463
464       (i) SEQUENCE CHARACTERISTICS:
-->  465          (A) LENGTH: 29 base pairs
466              (B) TYPE: nucleic acid
467              (C) STRANDEDNESS: single
468              (D) TOPOLOGY: linear
469
470      (ii) MOLECULE TYPE: cDNA
471
472
473
474      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
475
-->  476   AAGCCTGGSA YICKYTTIGC CCAIYTIAT                    29
477
```

same error as above

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/826,361*
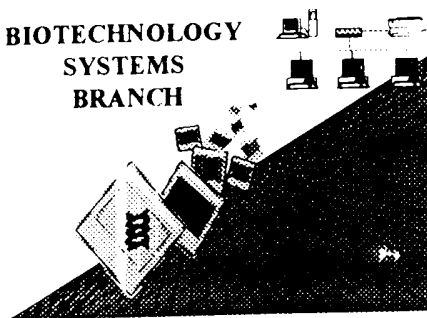
DATE: 08/08/97
TIME: 10:44:51

INPUT SET: S19510.raw

Line	Error	Original Text
449	Entered (29) and Calc. Seq. Length (26) differ	(A) LENGTH: 29 base pairs
460	Wrong Nucleic Acid Designator	GGIGAYGARG CWTCIGGITG YCAYTAYGG
460	Wrong Nucleic Acid Designator	GGIGAYGARG CWTCIGGITG YCAYTAYGG
460	Wrong Nucleic Acid Designator	GGIGAYGARG CWTCIGGITG YCAYTAYGG
460	# of Sequences for line conflicts w/ running total	GGIGAYGARG CWTCIGGITG YCAYTAYGG
465	Entered (29) and Calc. Seq. Length (25) differ	(A) LENGTH: 29 base pairs
476	Wrong Nucleic Acid Designator	AAGCCTGGSA YICKYTTIGC CCAIYTIAT
476	Wrong Nucleic Acid Designator	AAGCCTGGSA YICKYTTIGC CCAIYTIAT
476	Wrong Nucleic Acid Designator	AAGCCTGGSA YICKYTTIGC CCAIYTIAT
476	Wrong Nucleic Acid Designator	AAGCCTGGSA YICKYTTIGC CCAIYTIAT
476	# of Sequences for line conflicts w/ running total	AAGCCTGGSA YICKYTTIGC CCAIYTIAT

**BIOTECHNOLOGY
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Notice of Availability

Applicant Aid for Biotechnology Computer Readable Form (CRF)
Sequence Listing Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (Sequence Rules: 37CRF 1.821 through 1.825).
Final rules were published in the *Federal Register* (55 FR18230) on May 1, 1990, and in the PTO *Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.

Checker is a DOS-based software program that is intended to assist users in determining whether errors may be present in the sequence listings, and is not intended to guarantee that the submission is error-free.

The most current version of the software is available via computer downloading, details are below. Copies on diskette are also available. Updated software versions will not be automatically mailed out; any updates will be announced in the PTO *Official Gazette*.

The software can be accessed/requested in the following locations:

1)   Dial-up access to the Patent and Trademark Office Bulletin Board System
      Phone Number: 703-305-8950
      Cost: Free-of-charge

2)   Dial-up access through the Internet: FTP site: ftp.uspto.gov
      Login as "anonymous" The software is in the directory: /pub/checker
      Cost: Free-of-charge

3)   For diskette copies, telephone requests to 703-306-2600
      Cost: $25.00

For Further Information, Contact **Arti Shah at 703-308-4212**